

PTO/SB/08a (07-09)

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/021,621-Conf. #5221	
			Filing Date	December 12, 2001	
			First Named Inventor	Eric J. Horvitz	
			Art Unit	2444	
			Examiner Name	P. A. Shaw	
Sheet	1	of	12	Attorney Docket Number	M1103.70715US00

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1*	US-D494,584	08-17-2004	Schlieffers et al.	
	A2*	US-7,385,501	06-10-2008	Miller et al.	
	A3*	US-7,259,694	08-21-2007	Myllymaki et al.	
	A4*	US-7,209,955	04-24-2007	Major et al.	
	A5*	US-7,195,157	03-27-2007	Swartz et al.	
	A6*	US-7,171,378	01-30-2007	Petrovich et al.	
	A7*	US-7,162,238	01-09-2007	Massie et al.	
	A8*	US-7,155,729	12-26-2006	Andrew et al.	
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	A10*	US-7,073,129	07-04-2006	Robarts et al.	
	A11*	US-7,069,309	06-27-2006	Doddrill et al.	
	A12*	US-7,063,263	06-20-2006	Swartz et al.	
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	A14*	US-7,016,944	03-21-2006	Meyer et al.	
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	A16*	US-6,965,917	11-15-2005	Aloni et al.	
	A17*	US-6,853,634	02-08-2005	Davies et al.	
	A18*	US-6,837,436	01-04-2005	Swartz et al.	
	A19*	US-6,829,639	12-07-2004	Lawson et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/P.S./	B1	EP-0095633-A1	12-07-1983	Iveco Magirus		✓
/P.S./	B2	EP-0413537-A2	02-20-1991	Digital Equipment Int		
/P.S./	B3	EP-0420779-A2	04-03-1991	Ibm		
/P.S./	B4	EP-0867823-A2	09-30-1998	Canon Kk		
/P.S./	B5	EP-0905633-A2	03-31-1999	Sharp Kk		
/P.S./	B6	GB-2328110-A	02-10-1999	Mitel Corp		

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		Number-Kind Code ² (if known)			
	A20*	US-6,796,505	09-28-2004	Pellaumail et al.	
	A21*	US-6,741,188	05-25-2004	Miller et al.	
	A22*	US-6,714,967	03-30-2004	Horvitz	
	A23*	US-6,697,840	02-24-2004	Godefroid et al.	
	A24*	US-6,678,719	01-13-2004	Stimmel	
	A25*	US-6,674,720	01-06-2004	Passint et al.	
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	A27*	US-6,650,902	11-18-2003	Richton	
	A28*	US-6,622,160	09-16-2003	Horvitz	
	A29*	US-6,618,716	09-09-2003	Horvitz	
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/P.S./	B7	JP-08314827-A	11-29-1996	Hitachi Ltd		✓
/P.S./	B8	JP-10079756-A	03-24-1998	Fujitsu Ltd		✓
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/P.S./	B10	WO-02065250-A2	08-22-2002	Invertix Corp		
/P.S./	B11	WO-0239761-A2	05-16-2002	Motorola Inc		
/P.S./	B12	WO-2004025912-A2	03-25-2004	Ibm et al.		

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	A39*	US-6,463,471	10-08-2002	Dreke et al.	
	A40*	US-6,459,913	10-01-2002	Cloutier	
	A41*	US-6,459,440	10-01-2002	Monnes et al.	
	A42*	US-6,456,307	09-24-2002	Bates et al.	
	A43*	US-6,438,618	08-20-2002	Lortz et al.	
	A44*	US-6,437,812	08-20-2002	Giles et al.	
	A45*	US-6,425,127	07-23-2002	Bates et al.	
	A46*	US-6,400,810	06-04-2002	Skladman et al.	
	A47*	US-6,374,289	04-16-2002	Delaney et al.	
	A48*	US-6,360,101	03-19-2002	Irvin	
	A49*	US-6,353,398	03-05-2002	Amin et al.	
	A50*	US-6,342,908	01-29-2002	Bates et al.	
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	A52*	US-6,332,127	12-18-2001	Bandera et al.	
	A53*	US-6,327,581	12-04-2001	Platt	
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	A55*	US-6,289,380	09-11-2001	Battat et al.	
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/P.S./	B13	WO-9635994-A1	11-14-1996	Compuserve Inc		
/P.S./	B14	WO-9738382-A1	10-16-1997	Siemens Ag et al.		
/P.S./	B15	WO-9800787-A1	01-08-1998	Datalink Systems Corp		
/P.S./	B16	WO-9837680-A2	08-27-1998	Intervoice Lp		
/P.S./	B17	WO-9847268-A1	10-22-1998	British Telecom et al.		
/P.S./	B18	WO-9858321-A1	12-23-1998	Purdue Pharma Lp et al.		

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	A61*	US-6,094,681	07-25-2000	Shaffer et al.	
	A62*	US-6,078,322	06-20-2000	Simonoff et al.	
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	A64*	US-6,067,477	05-23-2000	Wewalaarachchi et al.	
	A65*	US-6,057,842	05-02-2000	Knowlton et al.	
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	A67*	US-6,021,403	02-01-2000	Horvitz et al.	
	A68*	US-5,987,234	11-16-1999	Hirosawa et al.	
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	A72*	US-5,859,640	01-12-1999	de Judicibus	
	A73*	US-5,852,440	12-22-1998	Grossman et al.	
	A74*	US-5,831,545	11-03-1998	Murray et al.	
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/P.S./	B19	WO-9906915-A1	02-11-1999	Jfax Communications Inc		
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/P.S./	B21	WO-9967731-A1	12-29-1999	Microsoft Corp		

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	A96*	US-2006-0019676	01-26-2006	Miller et al.	
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	A99*	US-2005-0248437	11-10-2005	Hellebust et al.	
	A100*	US-2005-0050143	03-03-2005	Gusler et al.	
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	A103*	US-2004-0199663	10-07-2004	Horvitz et al.	
	A104*	US-2004-0143636	07-22-2004	Horvitz et al.	
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	A108*	US-2004-0030753	02-12-2004	Horvitz	
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				Application Number	10/021,621-Conf. #5221
				Filing Date	December 12, 2001
				First Named Inventor	Eric J. Horvitz
				Art Unit	2444
				Examiner Name	P. A. Shaw
				Attorney Docket Number	M1103.70715US00
Sheet	7	of	12		

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Sheet	8	of	12	Attorney Docket Number	M1103.70715US00

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/P.S./	C1	BACLACE, "Competitive Agents for Information Filtering", December 1999, 1 pg	
/P.S./	C2	BOONE, "Concept Features in Re: Agent, an Intellectual Email Agent, 1998, 8 pgs	
/P.S./	C3	BREESE et al., "Empirical analysis of predictive algorithms for collaborative filtering", Proceedings of the 14th Conference on Uncertainty in AI, 1998 pg. 43-52, AUAI, Morgan Kaufmann, San Francisco	
/P.S./	C4	CAMERON et al. "Identifying and Localizing Electrical Components: A Case Study of Adaptive Goal-directed Sensing", 1997, 6 pgs.	
/P.S./	C5	CHANG et al., "Bayesian Analysis for Fault Location in Homogeneous Distributed Systems", 1993, 10 pgs	
/P.S./	C6	CHEN, "Visualising semantic spaces and author co-citation networks in digital libraries", 1999, 20 pgs.	
/P.S./	C7	CHU et al., "A Decision-Theoretic Approach to Reliable Message Delivery", 15 pgs	
/P.S./	C8	COHEN, "Learning Rules that Classify E-Mail", 1996, 11 pgs	
/P.S./	C9	CZERWINSKI et al., "Visualizing implicit queries for information management and retrieval", Proceedings of CHI'99, ACM SIGCHI Conf on Informational and Knowledge Management, 1999, pg. 560-567	
/P.S./	C10	DUMAIS et al., "Inductive learning algorithms and representations for text categorization", Proceedings of 7th Intl Conf on Information and Knowledge Management, 1998, pgs148-155	

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/P.S./	C11	EP Search Report dtd 7/5/04 for EP Application No. 04 00 0621	
/P.S./	C12	EP Search Report dtd 9/28/05 for EP Application No. 05 10 5299	
/P.S./	C13	HADDAWY, "An Overview of Some Recent Developments in Bayesian Problem-Solving Techniques Introduction to This Special Issue", 1999, 9 pgs	
/P.S./	C14	HEARST et al., "Machine Learning in Information Access Papers from the 1996 AAAI Spring Symposium", 1996, 3 pgs	
/P.S./	C15	HORVITZ et al., "Display of Information for time-critical decision making" Proceedings of the 11th Conference on uncertainty in AI, 1995, pg. 296-305, Montreal, Canada	
/P.S./	C16	HORVITZ et al., "Models of Attention in Computing and Communication: From principles to Applications", Communications to the ACM 46(3):56-29, March 2003	
/P.S./	C17	HORVITZ, "Principles of mixed-initiative user interfaces" Proceedings of CHI'99, ACM SIGCHI Conf on Human Factors in Computing Systems, 1999, pgs. 159-166, Pittsburgh, PA	
/P.S./	C18	HORVITZ, "Time dependant utility and action under uncertainty", Proceedings of the 7th Conference on Uncertainty in AI, LA, CA, 1991 pgs. 151-158, Morgan Kaufmann, San Francisco	
/P.S./	C19	HORVITZ, "Time-critical action: Representations and Application", Proceedings of the 13th Conference on Uncertainty in AI(UAI-97), 1997, pgs.250-257, Providence, RI, Morgan Kaufmann, San Francisco	
/P.S./	C20	International Search Report dated August 20, 2002 for International Application Serial No. PCT/US01/08711	

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/P.S./	C21	International Search Report dated June 28, 2006 for International Application Serial No. PCT/US04/19915	
/P.S./	C22	International Search Report dated September 2, 2002 for International Application Serial No. PCT/US01/08710	
/P.S./	C23	International Search Report dated September 29, 2003 for International Application Serial No. PCT/US00/20685	
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/P.S./	C26	KOLLER et al., "Toward optimal feature selection", Proceedings of 13th conference on machine learning, 1998, pg. 284-293, Morgan Kaufmann, San Francisco	
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/P.S./	C30	NOH et al., "Rational Communicative Behavior in Anti-Air Defense", 1998, 8 pgs.	

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/P.S./	C31	PALME et al., "Issues when designing filters in messaging systems", 1996, 7 pgs		
/P.S./	C32	PLATT, "Fast Training of Support Vector Machines Using Sequential Minimal Optimization", Advances in Kernel Methods, Support Vector Learning, 1999 pg. 41-65, MIT Press, Cambridge, MA.		
/P.S./	C33	PLATT, "Probabilistic outputs for support vector machines and comparisons to regularized likelihood methods." Advances in Large Margin Classifiers. MIT Press, Cambridge, MA. 1999, 11 pages.		
/P.S./	C34	SAHAMI et al., "A Bayesian approach to filtering junk email" Workshop on learning for text categorizations, 1998, 8 pgs, AAI technical Report WS-98-05, AAAI		
/P.S./	C35	SAWHNEY et al., "Nomadic Radio: Speech and Audio Interaction for Contextual Messaging in Nomadic Environments", ACM Transactions on Computer-Human Interaction, ACM, September 1, 2000, pp. 353-383		
/P.S./	C36	SAWHNEY et al., "Speaking and Listening on the Run: Design for Wearable Audio Computing", 1998, 8 pgs		
/P.S./	C37	SEHGMANN et al., "The message is the medium", 1997, 12 pgs.		
/P.S./	C38	SHELL et al., "Interacting with Groups of Computers", Communications of the ACM, Vol 46 Issue 3, pp. 40-46, 2003		
/P.S./	C39	TSATSOULIS et al., "integrating Case-Based Reasoning and Decision Theory", 1997, 10 pgs		
/P.S./	C40	VAN DANTZICH et al., "Scope: Providing Awareness of Multiple Notifications at a Glance", Proceedings of AVI 2002, ACM Conference on Advanced Visual Interfaces, 2002, 11 pgs		

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/P.S./	C41	VERTEGAAL, "Designing Attentive Interfaces", Proceedings of the Symposium on ETRA 2002: Eye tracking research and applications symposium, pp. 23-30, 2002.	

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